Journal of Neuroscience Methods, 44 (1992) 241–242
Elsevier Science Publishers B.V.

Author Index (Vol. 44)

Ahlsén, G., see Rosengren, L.E., (44) 113
Andrianov, G.N., Bretschneider, F., Peters, R.C. and Teunis, P.F.M.
In vitro electroreceptor organs for pharmacological studies, (44) 1

Belfrage, M., see Rosengren, L.E., (44) 113
Bretschneider, F., see Andrianov, G.N., (44) 1
Bures, J., see Fukuda, M., (44) 121

Cacace, A.T., McFarland, D.J., Emrich, J.F. and Haller, J.S.
Assessing short-term recognition memory with forced-choice psychophysical methods, (44) 145
Camu, W. and Henderson, C.E.
Purification of embryonic rat motoneurons by panning on a monoclonal antibody to the low-affinity NGF receptor, (44) 59
Clark, G.M., see Millard, R.E., (44) 81
Coleman, L.-A. and Friedlander, M.J.
Intracellular injections of permanent tracers in the fixed slice: a comparison of HRP and biocytin, (44) 167

Dalrymple-Alford, J.C., see Harper, D.N., (44) 197
Deenen, M., see Struwe, D.P., (44) 157
De Heus, R.B. and Diegenbach, P.C.
The use of texture analysis for the discrimination of Nissl substance in neurons, (44) 209
Diegenbach, P.C., see De Heus, R.B., (44) 209
Droog, A., see Struwe, D.P., (44) 157
Duckrow, R.B., see Oyler, G.A., (44) 179

Edbladh, M., see Tonge, D., (44) 27
Edström, A., see Tonge, D., (44) 27
Emrich, J.F., see Cacace, A.T., (44) 145

Friedlander, M.J., see Coleman, L.-A., (44) 167
Fukuda, M., Kobayashi, T., Bures, J. and Ono, T.
Rat exploratory behavior controlled by intracranial self-stimulation improves the study of place cell activity, (44) 121

Gerics, B., see Hajós, F., (44) 225
Gillberg, C., see Rosengren, L.E., (44) 113
Greene, H.L., see Kramer, D.A., (44) 101

Haglid, K.G., see Rosengren, L.E., (44) 113
Hajós, F., Gerics, B. and Sótonyi, P.
Slices from the rat olfactory bulb maintained in vitro. Morphological aspects, (44) 225
Haller, J.S., see Cacace, A.T., (44) 145
Hamberger, A., see Rosengren, L.E., (44) 113
Harper, D.N., Dalrymple-Alford, J.C. and McLean, A.P.
Production of a serial position effect in rats using a 12-arm radial maze, (44) 197
Hawkins, R.A., see Oyler, G.A., (44) 179
Henderson, C.E., see Camu, W., (44) 59
Hendry, S.H.C., see Jones, E.G., (44) 133
Hodgins, S., see Jones, E.G., (44) 133

Jagadeesh, J.M., see Kramer, D.A., (44) 101
Jones, E.G., Hendry, S.H.C., Liu, X.-B., Hodgins, S., Potkin, S.G. and Tourtellotte, W.W.
A method for fixation of previously fresh-frozen human adult and fetal brains that preserves histological quality and immunoreactivity, (44) 133
Justice, Jr., J.B., see Smith, A.D., (44) 33

Kanje, M., see Tonge, D., (44) 27
Kay, A.R.
An intracellular medium formulary, (44) 91
Kobayashi, T., see Fukuda, M., (44) 121
Kramer, D.A., Greene, H.L. and Jagadeesh, J.M.
Pattern generator system as a versatile visual stimulator, (44) 101
Kullmann, D.M.
Quantal analysis using maximum entropy noise deconvolution, (44) 47

LaClair, R., see Malpeli, J.G., (44) 19
Liu, X.-B., see Jones, E.G., (44) 133

MacHattie, D.B. and Pengelly, L.D.
Positioning device for magnetically sensitive environments, (44) 43
Madison, R.D., see Paramore, C.G., (44) 7
Malpeli, J.G., Weyand, T.G. and LaClair, R.
A new method of mounting and directing chronically implanted microdrives, (44) 19
Marani, E., see Struwe, D.P., (44) 157
McAnally, K.I., see Millard, R.E., (44) 81
McCaman, R.E., see Ono, J.K., (44) 71
McFarland, D.J., see Cacace, A.T., (44) 145
McLean, A.P., see Harper, D.N., (44) 197
Millard, R.E., McAnally, K.I. and Clark, G.M.
A gated differential amplifier for recording physiological responses to electrical stimulation, (44) 81

Nazzaro, J.M., Pagel, M.A. and Neuwelt, E.A.
Further refinement of the *Escherichia coli* brain abscess model in rat, (44) 85
Neuwelt, E.A., see Nazzaro, J.M., (44) 85

Olson, R.J., see Smith, A.D., (44) 33
Ono, J.K. and McCaman, R.E.
In situ hybridization of whole-mounts of *Aplysia* ganglia using non-radioactive probes, (44) 71
Ono, T., see Fukuda, M., (44) 121
Oyler, G.A., Duckrow, R.B. and Hawkins, R.A.
Computer simulation of the blood–brain barrier: a model including two membranes, blood flow, facilitated and non-facilitated diffusion, (44) 179

Pagel, M.A., see Nazzaro, J.M., (44) 85
Paramore, C.G., Turner, D.A. and Madison, R.D.
Fluorescent labeling of dissociated fetal cells for tissue culture, (44) 7
Pengelly, L.D., see MacHattie, D.B., (44) 43
Peters, R.C., see Andrianov, G.N., (44) 1
Potkin, S.G., see Jones, E.G., (44) 133

Rosengren, L.E., Ahlsén, G., Belfrage, M., Gillberg, C., Haglid, K.G. and Hamberger, A.
A sensitive ELISA for glial fibrillary acidic protein: application in CSF of children, (44) 113

Shaw, N.A.
The effects of low-pass filtering on the flash visual evoked potential of the albino rat, (44) 233
Smith, A.D., Olson, R.J. and Justice, Jr., J.B.
Quantitative microdialysis of dopamine in the striatum: effect of circadian variation, (44) 33
Sótonyi, P., see Hajós, F., (44) 225
Struwe, D.P., Wang, Z., Droog, A., Van Graft, M., Deenen, M., Marani, E. and Ypey, D.L.
A simple electronic device for time-lapse recording of neural and other cell movements using a home video cassette recorder, (44) 157

Teunis, P.F.M., see Andrianov, G.N., (44) 1
Tonge, D., Edbladh, M., Edström, A. and Kanje, M.
An improved HRP method for tracing axons in whole-mount preparations during early stages of regeneration in peripheral nerves of adult animals, (44) 27
Tourtellotte, W.W., see Jones, E.G., (44) 133
Turner, D.A., see Paramore, C.G., (44) 7

Vaney, D.I.
Photochromic intensification of diaminobenzidine reaction product in the presence of tetrazolium salts: applications for intracellular labelling and immunohistochemistry, (44) 217
Van Graft, M., see Struwe, D.P., (44) 157

Wang, Z., see Struwe, D.P., (44) 157
Weyand, T.G., see Malpeli, J.G., (44) 19

Ypey, D.L., see Struwe, D.P., (44) 157

Journal of Neuroscience Methods, 44 (1992) 243–244
Elsevier Science Publishers B.V.

Key Word Index (Vol. 44)

Adaptive psychophysical methods, (44) 145
Amplification, (44) 81
Ampullary electroreceptor organs, (44) 1
Animal brain abscess model, (44) 85
Aplysia, (44) 71
Apparatus, (44) 43
Axons, (44) 27

Biocytin, (44) 167
Blood-brain barrier, (44) 179
Brain abscess, (44) 85
Brain inoculation technique, (44) 85
Brain storage, (44) 133

Cell movement, (44) 157
Cerebral nutrition, (44) 179
Cerebrospinal fluid, (44) 113
Choline acetyl-transferase, (44) 59
Chronic recording, (44) 19
Circadian rhythm, (44) 33
Cordotomy, (44) 209

Delayed matching-to-sample, (44) 145
Dendrites, (44) 167
Diaminobenzidine, (44) 217
Display system, (44) 101
DOPAC, (44) 33
Dopamine, (44) 33
Dorsal lateral geniculate nucleus, (44) 167
Dorsal root ganglion, (44) 157

Electrical stimulation, (44) 81
Electrophysiology, (44) 43, (44) 101
ELISA, (44) 113
E–M algorithm, (44) 47
Escherichia coli, (44) 85
Essential nutrients, (44) 179

Fixed brain slices, (44) 167
Flash visual evoked potential, (44) 233
Fluorescent labels, (44) 7
FMRFamide, (44) 71

Glial fibrillary acidic protein, (44) 113
L-Glutamate, (44) 1
Growth cone, (44) 157
Growth cones, (44) 27
Guide tube, (44) 19

5-HIAA, (44) 33
Hippocampal cells, (44) 7
Hippocampus, (44) 121
Histochemistry cryoprotection, (44) 133
Home video cassette recorder, (44) 157
Horseradish peroxidase, (44) 27
HRP, (44) 167
HVA, (44) 33
Hydraulic, (44) 43

Ictalurus nebulosus, (44) 1
Identified neurons, (44) 71
Image analysis, (44) 209
Immunocytochemistry, (44) 133
Immunohistochemistry, (44) 217
Infantile autism, (44) 113
In-situ hybridization, (44) 71
Intracellular, (44) 91
Intracellular staining, (44) 167
Intracranial self-stimulation, (44) 121
In vitro, (44) 225
Ions, (44) 91

Low-pass filtering, (44) 233
Lucifer Yellow, (44) 167

Magnetic, (44) 43
Mathematical modeling, (44) 179
Maximum entropy, (44) 47
Maximum likelihood estimator, (44) 47
Memory, (44) 197
Memory span, (44) 145
Microdialysis, (44) 33
Microdrive, (44) 19
Microprocessor, (44) 101
Model system, (44) 1
Monoclonal antibody 192-IgG, (44) 59
Morphology, (44) 225
Motoneurons, (44) 209
Motoneuron survival, (44) 59
Myelination, (44) 157

Natural killer cells, (44) 157
Nerve regeneration, (44) 27
Neurobiotin, (44) 217
Neuronal actin, (44) 71
Neuronal processes, (44) 7
Neurophysiology, (44) 101

Neurotransmitter release, (44) 47
Neurotransmitters, (44) 1
Neurotrophic factors, (44) 59
Noise deconvolution, (44) 47
Non-radioactive probes, (44) 71

Olfactory Bulb, (44) 225
Open field, (44) 121

Patch-clamp, (44) 91
Pharmacology, (44) 1
Photochromic intensification, (44) 217
Physiological recording, (44) 81
Place cells, (44) 121
Positioning, (44) 43
Primacy, (44) 197

Quantal analysis, (44) 47

Radial-arm maze, (44) 197
Radioactive tracers, (44) 179
Recency, (44) 197
Retina, (44) 101, (44) 217

Serial position effect, (44) 197
Serial probe recognition, (44) 197
Short-term memory, (44) 145
Slice, (44) 225
Specimen, (44) 43
S-100 protein, (44) 113
Stimulation artifact, (44) 81
Striatum, (44) 33
Substrate transport, (44) 179

Tetrazolium salts, (44) 217
Texture features, (44) 209
Thaw fixation, (44) 133
Time-lapse recording, (44) 157
Tissue culture, (44) 7

Video micrography, (44) 157
Visual cortex, (44) 233
Visual stimulator, (44) 101

Whole-cell, (44) 91
Whole-mounts, (44) 71